

# MORE WITH LESS. THE TOTAL PACKAGE.

# CUMMINS PERFORMANCE SERIES POWER UNITS

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# **CUMMINS POWER UNITS.**

In today's competitive environment, you need a simpler, more efficient approach to powering your equipment – one that delivers value of ownership, advanced technology and second-to-none support.

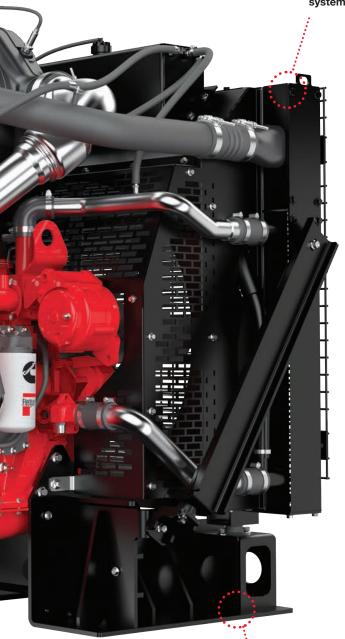
Cummins delivers a total solution for your power unit needs from its new Performance Series engine lineup. A full range of power units are available from 55-503 kW (74-675 hp), as well as options designed to give you the flexibility your customers demand.

Single Module™ aftertreatment (F3.8, B4.5, B6.7, L9 power units)

In global industry, reliability and performance are key and Cummins power units are delivered as a complete, ready-made power package, manufactured to Cummins high quality standards. With more than 70% of the power unit now pre-approved for installation, the streamlined integration process will save our customers both time and resources.

Air cleaner





Cooling system

# **MORE WITH LESS.**

At the heart of each power unit is a Cummins Performance Series engine that provides our global customers enhanced performance, capability and reliability - all from a simpler design.

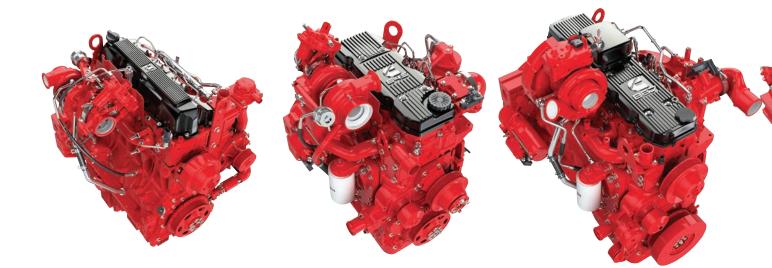
With an average of 20% more torque and 10% more power across the 100-430 hp range, Cummins Performance Series power units not only deliver high power density, but are also optimized to provide lower installation costs and potential engine downsizing opportunities.

More with less means reduced product complexity. Cummins latest Single Module<sup>™</sup> aftertreatment system is 50% smaller and up to 30% lighter than current DPF/SCR systems, while higher NOx conversion allows EGR to be removed from the F3.8, B4.5, B6.7, L9 and X12 power units.

Not only that – with new, optional start/stop technology, fuel efficiency is increased by as much as 15%, providing best cost of ownership and delivering a higher residual value.

Mounting feet (base rail provided with X12 & X15 power unit)

# **CUMMINS POWER UNIT RANGE.**



## **F3.8**<sup>™</sup>\*

**Displacement** 3.8 liters

**Power** 100-173 hp / 75-129 kW

Max. torque 457 ft lbs max. torque

**Emissions level** Stage V/Tier 4 Final

Product technologies Single Module™ DPF/SCR EGR-free Wastegate turbo

**Power unit dimensions** 69.48" (L) × 39.68" (W) × 57.51" (H)

### **B4.5**<sup>™</sup>

**Displacement** 4.5 liters

**Power** 120-200 hp / 90-149 kW

Max. torque 575 ft lbs max. torque

**Emissions level** Stage V/ Tier 4 Final

**Product technologies** Single Module™ DPF/SCR EGR-free Wastegate turbo

**Power unit dimensions** 64.44" (L) x 55.11" (W) x 55.39" (H)

### **B6.7**<sup>™</sup>

**Displacement** 6.7 liters

**Power** 155-326 hp / 116-243 kW

Max. torque 1014 ft lbs max. torque

**Emissions level** Stage V/ Tier 4 Final

Product technologies Single Module™ DPF/SCR EGR-free Variable geometry turbo

**Power unit dimensions** 96.22" (L) × 50.03" (W) × 66.02 (H)

### REGIONAL INSTALLATION COMMONALITY

Based on a universal engine platform, Cummins Performance Series power units enable regional installation flexibility. The engine's high sulphur fuel tolerance (up to 5000 ppm for F3.8-L9) ensures that performance is delivered anywhere and everywhere.

\*F3.8 also available at 55 kW / 74 hp rating, ideally suited to compact equipment requiring high levels of torque.

#### MORE THAN 70% OF THE POWER UNIT PRE-APPROVED FOR INSTALLATION.



**Displacement** 9 liters

**Power** 275-430 hp / 206-321 kW

Max. torque 1362 ft lbs max. torque

**Emissions Level** Stage V/ Tier 4 Final

**Product technologies** Single Module™ DPF/SCR EGR-free Wastegate turbo

**Power unit dimensions** 64.44" (L) × 55.11" (W) × 57.75" (H)

## **X12**<sup>™</sup>

**Displacement** 12 liters

**Power** 335-512 hp / 250-382 kW

Max. torque 1700 ft lbs max. torque

**Emissions Level** Stage V/ Tier 4 Final

Product technologies DPF/SCR & EGR-free Wastegate turbo

**Power unit dimensions** 87" (L) × 56.25" (W) × 75.43" (H)

## **X15**<sup>™</sup>

**Displacement** 15 liters

**Power** 450-675 hp / 336-503 kW

Max. torque 2050 ft lbs max. torque

**Emissions Level** Stage V/ Tier 4 Final

**Product technologies** DPF/SCR & cooled EGR Variable geometry turbo

**Power unit dimensions** 108.18" (L) × 61.49" (W) × 84.60" (H)

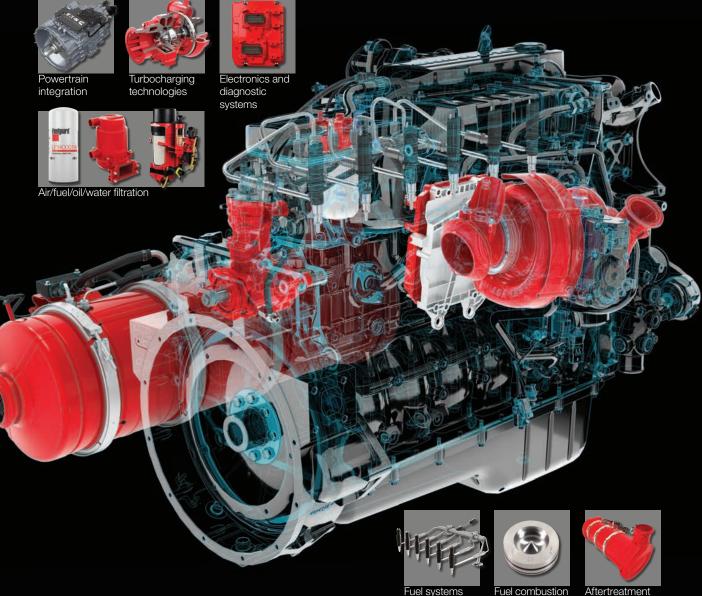
#### Each Cummins power unit includes:

- Cummins Performance Series engine
- Intake system
- Cooling system
- Base mount pedestal or rail

Cummins power unit packages are customizable and aftertreatment systems can be provided mounted or unmounted, depending on customer requirements.

## INTEGRATED COMPONENTS AND INNOVATION.

Cummins develops and integrates a range of proprietary technologies such as air handling, combustion, electronic controls, filtration and exhaust aftertreatment. This ensures our power units deliver performance, reliability and ultimately provide value to our customers.



Fuel combustio technologies Aftertreatment technologies

# **GLOBAL SUPPORT.**

Cummins power units carry the same warranty as our standard industrial engine range – 2 years, or 2000 hours, whichever is sooner.

In addition, each power unit is backed by more than 7500 Cummins authorized service locations that stock thousands of commonly used parts in local inventory. Certified technicians and Genuine Cummins Parts are never far away, even in the most remote locations. For more information or to make an enquiry, visit www.cummins.com



## DIGITAL SOLUTIONS FOR MAXIMUM AVAILABILITY.

#### **Connected Diagnostics**<sup>™</sup>

Using telematics, Cummins remote monitoring technology wirelessly connects Cummins-powered applications to product experts at Cummins for instant analysis and recommended action the moment a fault code is generated. Delivered via the Connected Diagnostics mobile app, online portal or email, to provide real-time notification of:

- Active and inactive faults
- Cummins contact information
- Suggested root cause
- Recommended actions for operators/drivers
- De-rate notice details

Connected Diagnostics automatically identifies the nearest Cummins-certified repair location with Genuine Cummins parts and factory-certified technicians trained to repair your equipment.

PRIMARY FAULTS 2374 Active
Voltage
Active Voltage Below Normal or > 1 Count
Count Under Source
1 Count Check Engine 1:30 estimated service time
(L) 1 hours a line line
Total and So minutes
UNPRIORITIZED FAULTS
AULTS
Operating Range - Least Severe
Mainten

## CUMMINS GUIDANZ<sup>™</sup> MOBILE APP.

Designed to ensure efficiency and improve communication, the Guidanz mobile app, when paired with the new Bluetooth-enabled INLINE<sup>™</sup> mini datalink adapter, displays Cummins fault codes and other key engine information anywhere you need it. Customers can provide this information to their preferred service provider to ensure the right support, parts, and tools are available for a more efficient repair.



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